



Welcome!

Master's students in Mathematics,  
Statistics, CSE and exchange  
students

16 September 2024

# Programme

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<b>Time</b>	<b>Topics</b>	<b>Speaker</b>
14.00	Welcome words	Dr Andreas Steiger <i>Study Advisor, Exchange Coordinator</i>
	Introduction to the Department of Mathematics	Prof. Benny Sudakov <i>Study Director</i>
	Services Study Administration	Elke Cadonau <i>Study Administrator</i>
	Services Mathematics Library	Sigrid Freudl <i>Librarian</i>
	Respect @ D-MATH	Prof. Manfred Einsiedler <i>Member Respect Team</i>
	Introduction to the student association VMP	Student <i>VMP</i>
	Next steps	Dr Andreas Steiger <i>Study Advisor, Exchange Coordinator</i>
15.15	Programme-specific information: <ul style="list-style-type: none"><li>• Mathematics</li><li>• Statistics</li><li>• CSE</li></ul>	Dr Andreas Steiger Dr Markus Kalisch Dr Vasile Gradinaru

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# Introduction to the Department of Mathematics

Prof. Benny Sudakov, *Study Director*

# History of mathematics at ETH Zürich

- 1855** Founding of the **Federal Polytechnic School** and the **Abteilung für Fachlehrer in Mathematik und Physik**
- 1932** Renamed to **Abteilung für Mathematik und Physics**
- 1964** Founding of the **FIM – Institute for Mathematical Research**
- 1976** Split in **Department of Mathematics** and **Department of Physics**
- 1997** Master's degree programme in **Computational Science and Engineering**
- 2003** Three stages of higher education (Bachelor/Master/Doctorate)
- 2007** Master's degree programme in **Statistics**
- 2013** Founding of the **ETH-ITS – Institute for Theoretical Studies**

# The Department in numbers

## Personnel

- **158** Scientific staff
- **46** Professors
- **42** Administration and IT

## Number of students (Maths & CSE)

- **784** Bachelor
- **663** Master

## Graduates (Maths & CSE)

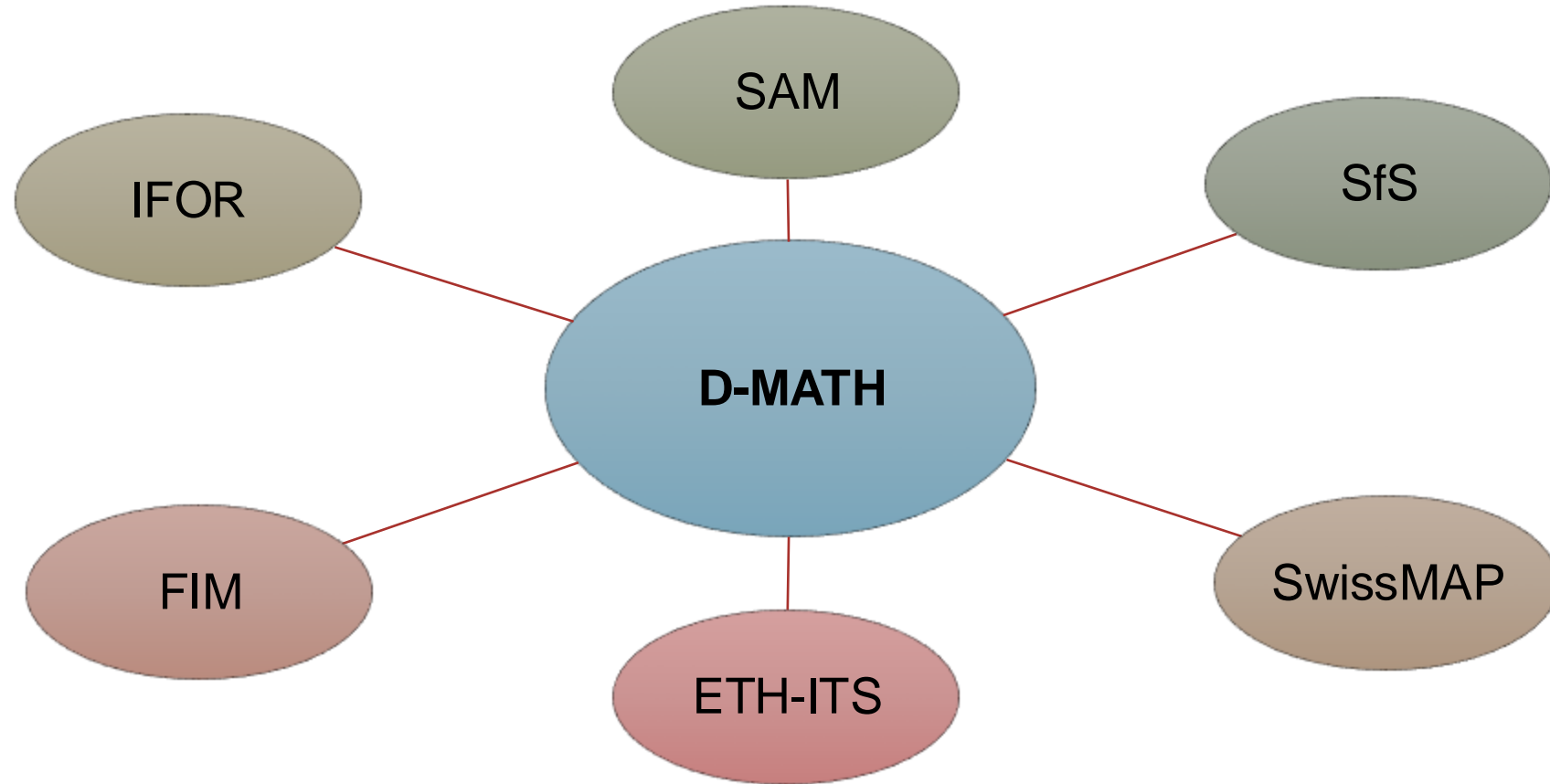
- **115** Bachelor
- **239** Master

Sources:

<https://ethz.ch/services/de/finanzen-und-controlling/zahlen-und-faktenhtml> [retrieved on 26.07.2024]

D-MATH, Staff, ETHIS [06.08.2024]

# Institutes and partners



# Famous researchers



*Hermann Minkowski*



*Hermann Weyl*



*Heinz Hopf*



*Jürgen Moser*

- D-MATH has had many famous researchers: **Dedekind, Frobenius, Minkowski, Weyl, Hopf, Moser** etc.
- This continues to be the case also today. There are quite a few world renowned mathematicians at the D-MATH, including one **Fields medalist**.

## An important tip

**Interact with your colleagues.**

**You can learn a lot this way.**

**It's also more fun!**

**Get to know new people.**

**Make new friends.**

**That's an investment for life!**



# Study Administration D-MATH

Elke Cadonau, *Study Administrator*

# Table of contents / agenda

1. Introduction
2. Table of contents / agenda
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8. Courses at ETH Zurich
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10. Grades / exams
11. Master's thesis
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14. Questions
15. Links

# Welcome to ETH Zurich

Willkommen

Bienvenue

Benvenuti

Beinvegni

xi 来自上海 and

Welcome at the ETH!



First time in Switzerland?

First time at ETH?

LOST?



# Who we are



Patricia Onae

Elke Cadonau

- Contact:  
**[studiensekretariat@math.ethz.ch](mailto:studiensekretariat@math.ethz.ch)**
- Website:  
[math.ethz.ch/studiensekretariat](https://math.ethz.ch/studiensekretariat)

# Where we are – counter

- ETH Main Building: **HG**
- Floor: **G**
- Room: **33.1**
- Opening hours see [website](#)



# What we do

- Transcript of records
- Grade submission
- Course Catalogue
- Move categories
- Degree programme
- Degree request

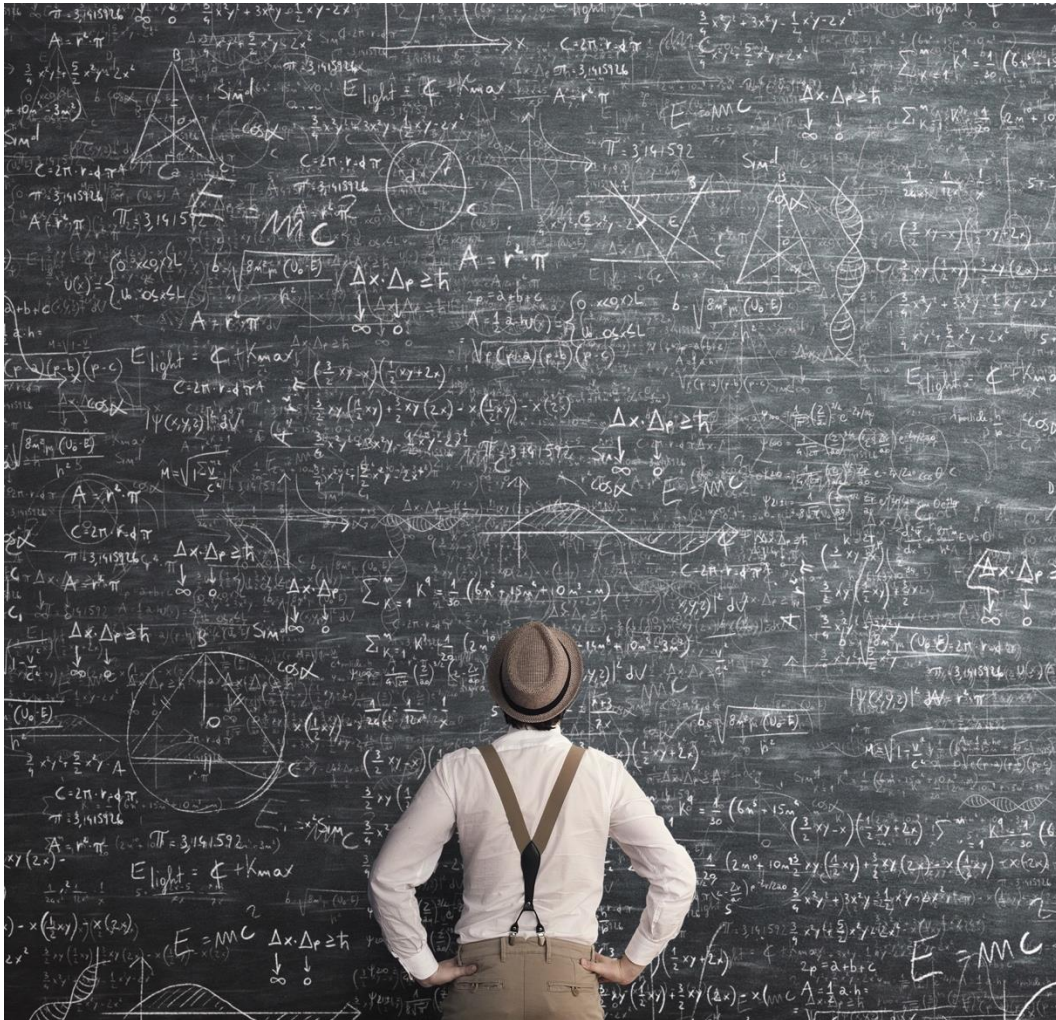


# Study programmes / regulations / guidelines

- Master in Mathematics / Applied Mathematics
- Master in Statistics
- Master in Computational Science and Engineering
- **See website: [Regulations and guidelines](#)**

# Courses at ETH Zurich

All courses can be found in the **course catalogue (Vorlesungsverzeichnis or VVZ)**.





# Courses at UZH

- All ETH students can attend courses at University of Zurich (UZH)
- Registration deadline at UZH is different to ETH!
- Mathematics students
  - see website => external courses
- CSE and Statistics students
  - contact your advisor for approval

Irchel Campus



# Grades / exams

## Examinations Office

- Questions regarding exams
- Registration and withdrawal for/from exams
- Personal examination schedule in myStudies
- Failed examination attempt

## Performance assessment

- Ungraded semester performance:
  - passed / not passed
- End-of-semester examination:
  - always graded
- Absence from an examination without valid reason:
  - failed examination attempt



# BEFORE you start writing your semester paper or Master's thesis



- Passed Scientific Works (Writing) beforehand
  - Next courses: 1.10.2024 and 29.10.2024
- Registered in myStudies two weeks before
- Study Regulations for the rules on when you can start etc.
- Process of writing a thesis, see [website](#)

# Registrar's office



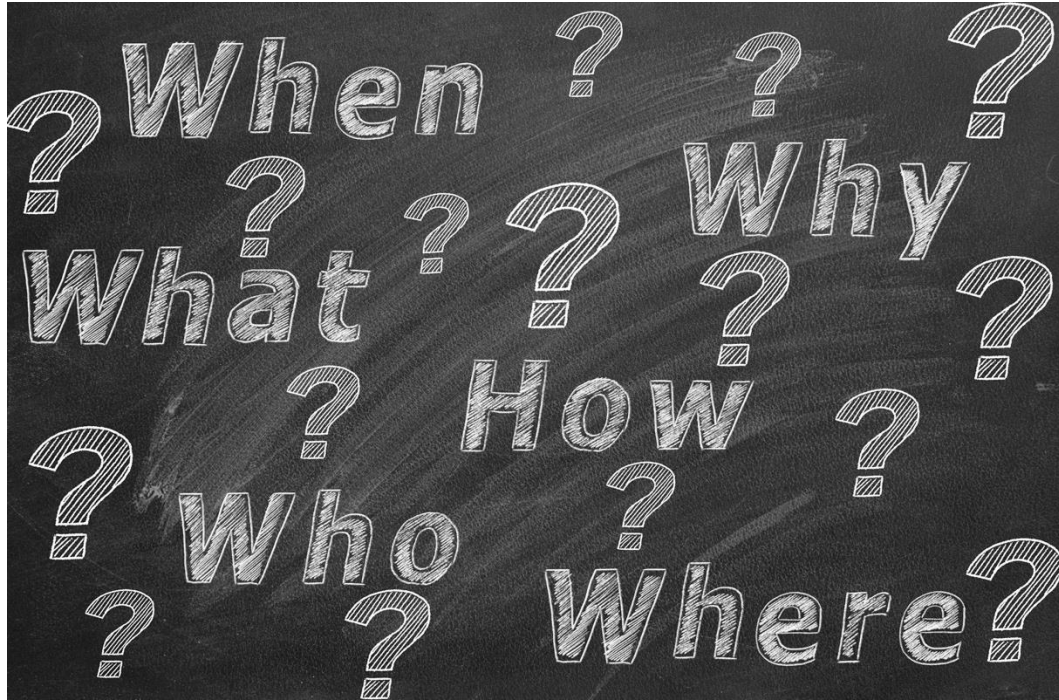
- Matriculation
  - Semester invoices
  - myStudies
  - ETH Study Card (LEGI)
- 
- [Webshop of the Academic Services](#)

# Contact points if you struggle



- **Study Administration D-MATH**  
studiensekretariat@math.ethz.ch
- **Counselling & Coaching Centre ETH**  
Patricia Pellicer  
patricia.pellicer@sts.ethz.ch
- **Psychological counselling center UZH**  
pbs@sib.uzh.ch  
[www.pbs.uzh.ch](http://www.pbs.uzh.ch)

# Questions?



Contact:  
**studiensekretariat@math.ethz.ch**

Website:  
[math.ethz.ch/studiensekretariat](https://math.ethz.ch/studiensekretariat)

# Links to the most important webpages and contact points I

- Study Administration D-MATH  
[math.ethz.ch/study-administration](https://math.ethz.ch/study-administration)
- Regulations and guidelines  
[math.ethz.ch/intranet/students/regulations-and-guidelines](https://math.ethz.ch/intranet/students/regulations-and-guidelines)
- Master's thesis  
[math.ethz.ch/intranet/students/theses](https://math.ethz.ch/intranet/students/theses)
- External courses  
[math.ethz.ch/intranet/students/external-courses](https://math.ethz.ch/intranet/students/external-courses)
- Examination information  
[ethz.ch/students/en/studies/performance-assessments/examination-information](https://ethz.ch/students/en/studies/performance-assessments/examination-information)
- Course Catalogue  
[vorlesungen.ethz.ch](https://vorlesungen.ethz.ch)
- Webshop Academic Services  
[ethz.ch/students/en/studies/administrative/webshop](https://ethz.ch/students/en/studies/administrative/webshop)
- myStudies  
[ethz.ch/applications/teaching/en/applications/mystudies](https://ethz.ch/applications/teaching/en/applications/mystudies)

# Links to the most important webpages and contact points II

- Counselling & Coaching ETH  
[ethz.ch/en/the-eth-zurich/organisation/departments/student-services](https://ethz.ch/en/the-eth-zurich/organisation/departments/student-services)
- Help@D-MATH  
[math.ethz.ch/intranet/departement/help](https://math.ethz.ch/intranet/departement/help)
- Psychological counselling center UZH  
[pbs.uzh.ch/en](https://pbs.uzh.ch/en)
- Academic Sports Association (ASVZ)  
[asvz.ch/en](https://asvz.ch/en)
- Association of mathematics, physics and CSE students (VMP)  
[vmp.ethz.ch](https://vmp.ethz.ch)
- Mathematics library  
[math.ethz.ch/library](https://math.ethz.ch/library)
- Academic Calendar  
[ethz.ch/staffnet/en/news-and-events/academic-calendar](https://ethz.ch/staffnet/en/news-and-events/academic-calendar)



# Mathematics Library

Sigrid Freudl, *Librarian*

# ETH Mathematics Library



## Freshpeople at ETH



## Master at ETH

# ETH Mathematics Library Services



- Reference library
- Course reserve collection
- Print journals

## Book loan

- ETH Library HG H
  - Order via swisscovery
- Physics Library
  - Campus Höggerberg

# ETH Mathematics Library

## Library account



**Please register for a library account at ETH  
Library @ swisscovery**

to get access to the services of the libraries at  
ETH!

# ETH Mathematics Library

## Services of the ETH Library – book loan and download

The screenshot shows the ETH Library search interface. At the top left is the ETH zürich logo and 'ETH Library @ swisscovery'. The top navigation bar includes 'New Search', 'Help', 'Interlibrary Loan', and 'ETH Library'. On the right, there are icons for 'Sign in' and 'Menu'. A search bar contains 'probability theory' and a dropdown menu shows 'swisscovery without CDI'. Below the search bar is a yellow banner with 'Sign in to request items and for additional services' and 'DISMISS'.

The main content area shows 'Showing list of versions' with a 'BACK' button. On the left, there are 'Active filters' (List of Versions, Remember all filters, Reset filters) and 'Tweak your results' (Sort by Date - newest, Show only Available in the libraries, Online, Resource Type). The search results list two items:

- Item 1: **Probability theory** by Universitext, 2013. Available at ETH Mathematik-Bibliothek Interne Ausleihe (L 1.230).
- Item 2: **Probability Theory** by Borovkov, Alexandr A (author), Universitext, 0172-5939; Universitext, 0172-5939. 1st ed. 2013.; 2013. Available Online.

Red arrows point from the 'Available at ETH Mathematik-Bibliothek Interne Ausleihe' and 'Available Online' links to the 'Resource Type' filter on the left.

# ETH Mathematics Library

## Services of the ETH libraries



### Workspace

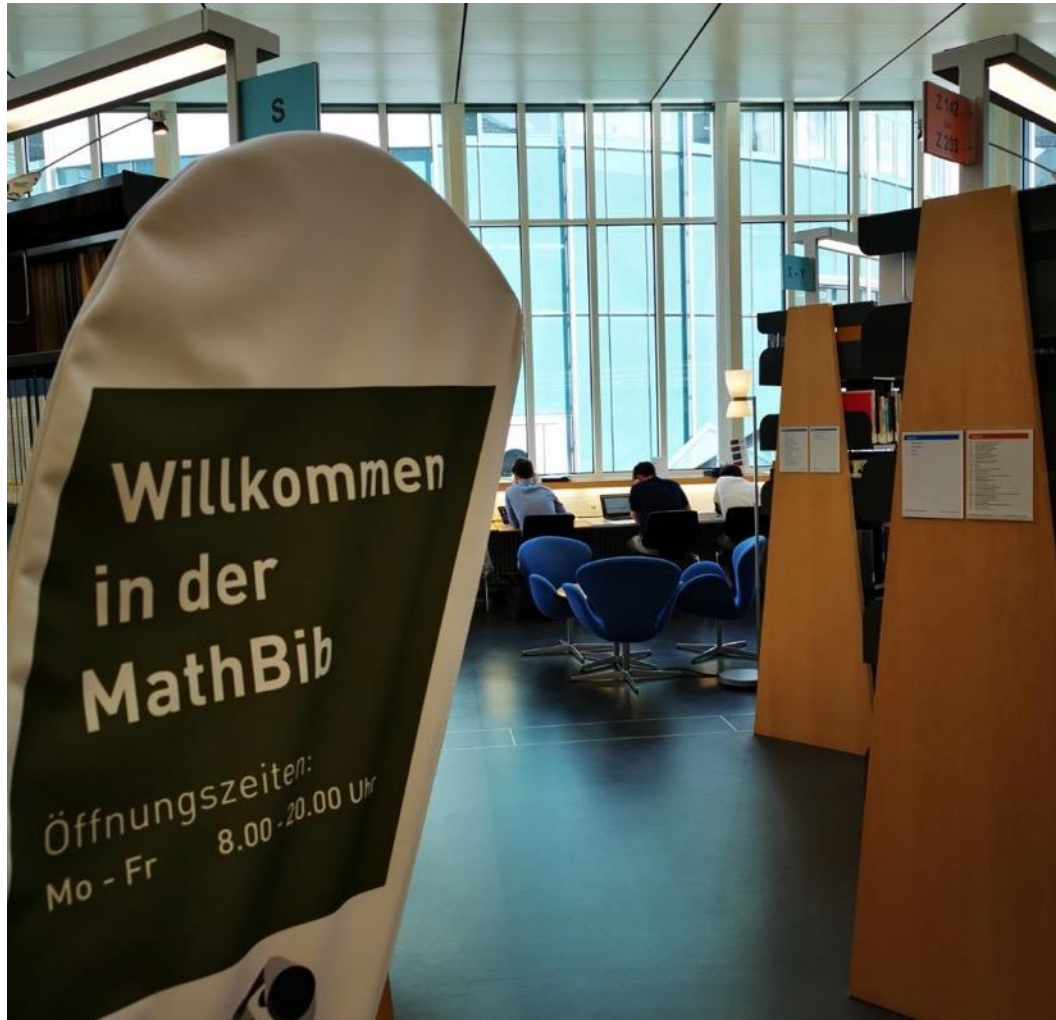
- Mathematics Library
- ETH Library
- Physics Library
- Computer Science Library

### Training courses

- Lunch sessions
- MathBib Moodle
- Getting Started – Mathematik-Bibliothek
- ETH Library

### Lockers

# ETH Mathematics Library Information



## Locations

- Mathematics Library HG G 7
- ETH Library, InfoCenter HG H 30.1
- Physics Library (Hönggerberg) HIT E 12
- Computer Science Library CAB G 41

## Web

- [math.ethz.ch/library](https://math.ethz.ch/library)
- [library.ethz.ch](https://library.ethz.ch)

## Instagram

- [@eth\\_mathbib](https://www.instagram.com/eth_mathbib)
- [@eth\\_library](https://www.instagram.com/eth_library)

# ETH Mathematics Library

## Book a Librarian – Mathematics Subject Specialist

**ETH** zürich

ETH Library

[Locations and media](#)

[Borrowing and ordering](#)

[Publishing and archiving](#)

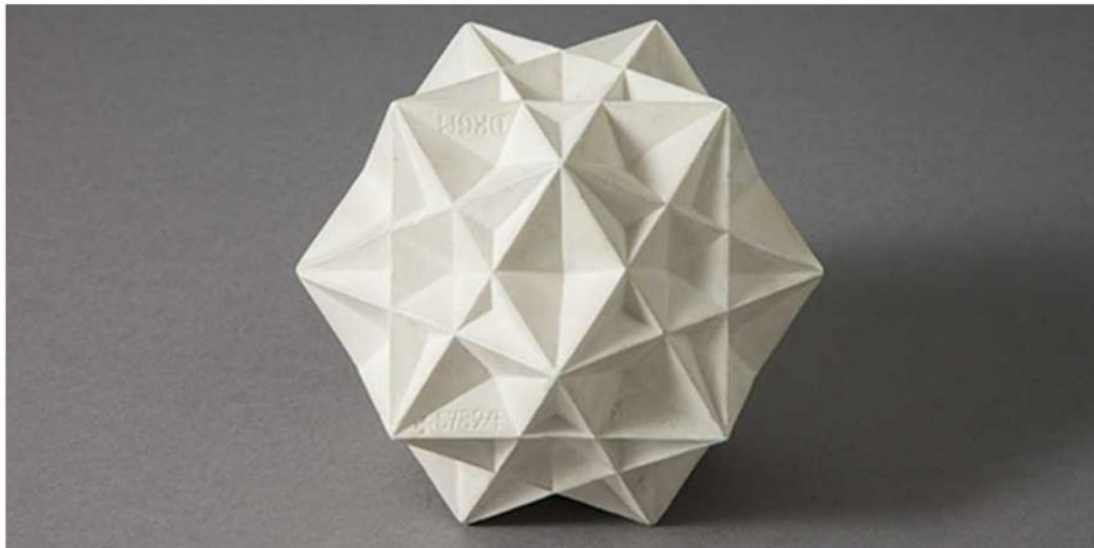
[News](#)

[About us](#)



[Homepage](#) > [Locations and media](#) > [Media sorted by subject](#) > **Mathematics**

## Mathematics



### Contact

+41 44 632 75 91

E-mail

### Dr Flavia Lanini

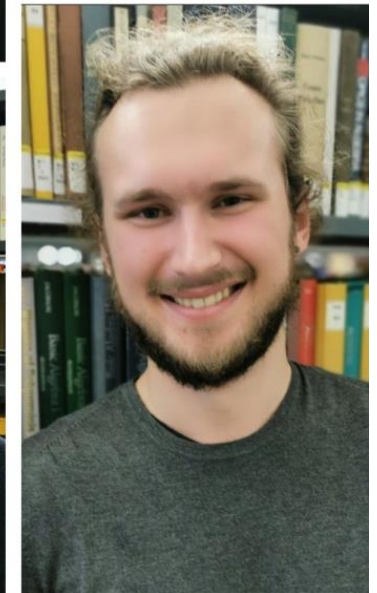




# ETH Mathematics Library Team

- Sigrid Freudl
- 5 student assistants

**Good luck!**



# Next steps

## Master's students:

Programme-specific information of the study advisors

- Mathematics, HG E 5
- Statistics, HG G 19.1
- CSE, HG G 19.2

Dr Andreas Steiger  
Dr Markus Kalisch  
Dr Vasile Gradinaru

## Exchange students:

Programme-specific information of the exchange coordinator

- Date: **Wednesday, 18 Sept. 2024**
- Time: 14.00–15.00
- Room: HG G 19.2

Dr Andreas Steiger